

INTERNATIONAL SEARCH REPORT

PCT/NL 03/00782

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07J1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FISHMAN J ET AL: "SYNTHESIS OF EPIMERIC 15-HYDROXYESTRIOLS, NEW AND POTENTIAL METABOLITES OF ESTRADIOL" JOURNAL OF ORGANIC CHEMISTRY, AMERICAN CHEMICAL SOCIETY, EASTON, US, vol. 33, no. 8, August 1968 (1968-08), pages 3133-3135, XP009004834 ISSN: 0022-3263 cited in the application the whole document ----- -/-	1-17, 22, 23

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

26 January 2004

Date of mailing of the international search report

11.05.2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NAMBARA T ET AL: "SYNTHESIS OF ESTEROL MONOGLUCURONIDES" STERIODS, BUTTERWORTH-HEINEMANN, STONEHAM, MA, US, vol. 27, no. 1, January 1976 (1976-01), pages 111-122, XP009004815 ISSN: 0039-128X cited in the application compounds I-VIA	1-17,22, 23
X	SUZUKI E ET AL: "Synthesis of 15alpha-hydroxyestrogen 15-N-acetylglucosaminides" STERIODS: STRUCTURE, FUNCTION, AND REGULATION, ELSEVIER SCIENCE PUBLISHERS, NEW YORK, NY, US, vol. 60, no. 3, 1 March 1995 (1995-03-01), pages 277-284, XP004026551 ISSN: 0039-128X cited in the application compound 1A-3B	1-17,22, 23
X	POIRIER D ET AL: "SYNTHESIS OF 17BETA-ESTRADIOL DERIVATIVES WITH N-BUTYL, N-METHYL ALKYLAMIDE SIDE CHAIN AT POSITION 15" TETRAHEDRON, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 47, no. 37, 1991, pages 7751-7766, XP001122350 ISSN: 0040-4020 compounds 8 and 9	18-21
X	DE 21 29 943 A (MERCK & CO INC) 23 December 1971 (1971-12-23) example 10	31
X	EP 0 646 592 A (KUREHA CHEMICAL IND CO LTD) 5 April 1995 (1995-04-05) examples 1,2	28,29
X	US 3 433 785 A (PHILLIPS DONALD K ET AL) 18 March 1969 (1969-03-18) example 1	24,25
X	DD 144 266 A (KASCH HELMUT; PONSOLD KURT) 8 October 1980 (1980-10-08) example 1	30,31
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X	US 3 177 206 A (SMITH LELAND L ET AL) 6 April 1965 (1965-04-06) example 1	29,30

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